



(<http://gateway.nlm.nih.gov>)

Introduction

What?

- Allows you to simultaneously initiate searches in multiple NLM retrieval systems using a single search interface.
- The NLM Gateway was developed by the Lister Hill National Center for Biomedical Communications (LHNCBC) at the National Library of Medicine (NLM), located at the National Institutes of Health (NIH)
- Phased implementation:

Phase I

Journal Citations:	MEDLINE (PubMed), OLDMEDLINE
Books/Serials/AVs:	LOCATOR <i>plus</i>
Meeting Abstracts:	HIV/AIDS-related meeting abstracts Health Services Research-related meeting abstracts Space Life Sciences meeting abstracts
Consumer Health:	MEDLINE <i>plus</i> Health Topics MEDLINE <i>plus</i> Drug Information DIRLINE (Directory of Health Organizations)
Other Collections:	HSRProj (Health Services Research Projects in Process)

Later phases

Clinicaltrials.gov

HSTAT (Health Services/Technology Assessment Texts)

- NLM Gateway is the *only* search interface for the following resources:
 - Meeting Abstracts
 - OLDMEDLINE
 - HSRProj
- Other systems (PubMed, LOCATOR*plus*, MEDLINE*plus*) will retain their own search interfaces.

Who?

Potential Gateway users could be:

- Users new to NLM's online resources who do not know what type of information is available or how to best search for it.
- Users who want "one-stop searching."
- Users who want to search resources that are only in the NLM Gateway.

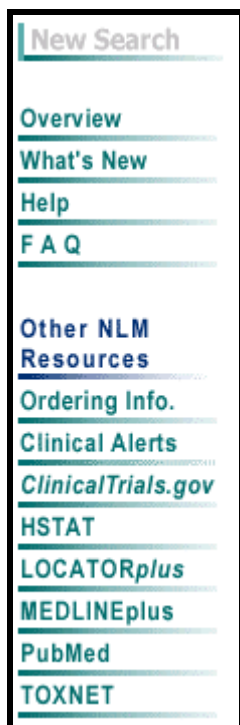
Where?

- Click on Health Information from the NLM home page. Then Click on NLM Gateway at the next screen.
- **gateway.nlm.nih.gov**

Gateway Home Page

Sidebar

New Search takes you to the search screen.



- **Overview** provides a brief overview of the Gateway.
- **What's New** gives users the latest news about the Gateway.
- **Help** provides detailed information about how to use the Gateway.
- **FAQ** are Frequently Asked Questions about the Gateway.

Other NLM Resources:

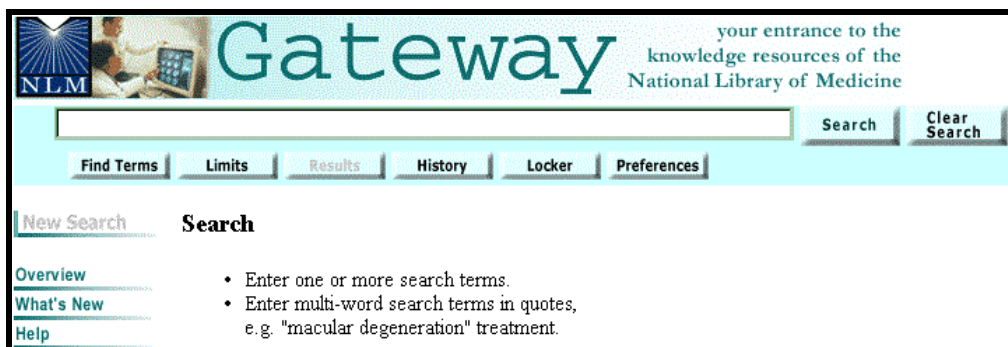
- **Ordering Info.** is a link to the Loansome Doc feature that allows users to order full-text copies of articles from a local medical library (local fees and delivery methods may vary).
- **Clinical Alerts** expedite the release of findings from the NIH-funded clinical trials where such release of findings could significantly affect morbidity and mortality.
- Click on **ClinicalTrials.gov** to access the NIH/NLM web site for current information about clinical research studies.
- **HSTAT** links to Health Services/Technology Assessment Text system.
- **LOCATORplus** links to the NLM catalog of books, journals, and audiovisuals.
- **MEDLINEplus** links to the NLM consumer health web site.
- **PubMed** links to PubMed (MEDLINE).
- **TOXNET** links to NLM's web site of toxicology and hazardous chemicals databases.

The Footnote



- Click on **Contact Us** to send an e-mail message to NLM Customer Service.
- Click on **U.S. National Library of Medicine, National Institutes of Health, Department of Health & Human Services** to access the Web pages of the agencies responsible for the creation and maintenance of the NLM Gateway.
- Click on **Freedom of Information Act** to link to NIH's Freedom of Information Act (FOIA) home page.
- Click on **Privacy Policy** to link to NLM's Copyright and Privacy Notice statements.

Searching



- Enter the search term in the query box.
- Click on the Search button.



The query box is available from every screen. You do not have to return to the homepage to enter a new search

Subject Searching Tips:

- The default Gateway search is a subject search.
- You may enter one or more terms (e.g., “vitamin C” “common cold” “shortness of breath”) in the query box and click on the Search button.



To indicate a phrase enter double quotes (“”) around the phrase, e.g., “vitamin C”. Be sure to include **all** phrases including author names, MeSH terms, etc. in double quotes.

Search terms are automatically combined (ANDed) together .



Search terms are mapped to MeSH (Medical Subject Headings) terms. For example, if you enter “heart attack”, the phrase is mapped to “myocardial infarction”. “Myocardial Infarction” is searched as a MeSH term in addition to “heart attack” being searched as text words. This mapping helps to provide more comprehensive results.

Results

Results Summary

When you click Search, the Gateway displays the Results Summary that includes:

- The number of **Items Found** in each category
- A **Display Results** button for each category to see the retrieved items for each category
- A **Details of Search** button for each category to see how the Gateway translated your search strategy for each category.

Results Summary for “macular degeneration” search:

[Find Terms](#)
[Limits](#)
[Results](#)
[History](#)
[Locker](#)
[Preferences](#)

[New Search](#)

[Overview](#)
[What's New](#)
[Help](#)
[F A Q](#)

[Other NLM Resources](#)
[Ordering Info.](#)
[Clinical Alerts](#)
[ClinicalTrials.gov](#)
[HSTAT](#)
[LOCATORplus](#)

Results Summary

Category	Items Found	Actions	
Journal Citations	5143	Display Results	Details of Search
Books / Serials / AVs	39	Display Results	Details of Search
Consumer Health	13	Display Results	Details of Search
Meeting Abstracts	1	Display Results	Details of Search
Other Collections	1	Display Results	Details of Search
Total	5197		

Results Screen

Click on **Display Results** for the **Journal Citations** category; the Gateway displays the Results Screen:

Arrows navigate forward/backward.

Jump to Page button – fill in the page number.

Jump to Collection allows jumping to the two journal collections.

*Use check boxes to select multiple items. Then click on **Download or Display**.*

*The **Put in Locker** button puts selected items in your locker.*

Expand will take you to a fuller display for that individual citation.

Related Articles takes you to a set of citations closely related to the selected article.

Results

Journal Citations (2 collections searched)
Deselect All
Put in Locker
Download or Display

Displaying items 1 - 20 of 5143 found

Page 1 of 258
 Jump to Page

Jump to Collection
Pick A Collection

☐

1

Intravitreal triamcinolone for refractory cystoid macular edema secondary to birdshot retinochoroidopathy.

Expand

Related Articles

Martidis A, Duker JS, Puliafito CA.
Arch Ophthalmol. 2001 Sep;119(9):1380-3. No Abstract Available.
 PMID: 11545651 [PubMed - indexed for MEDLINE]
 From PubMed

☐

2

Medication use and the 5-year incidence of early age-related maculopathy: the Beaver Dam Eye Study.

Expand

Related Articles

Klein R, Klein BE, Jensen SC, Cruickshanks KJ, Lee KE, Danforth LG, Tomany SC.
Arch Ophthalmol. 2001 Sep;119(9):1354-9.
 PMID: 11545642 [PubMed - indexed for MEDLINE]
 From PubMed

☐

3

The effect of axial length on laser spot size and laser irradiance.

Expand

Related Articles

Stur M, Ansari-Shahrezaei S.
Arch Ophthalmol. 2001 Sep;119(9):1323-8.
 PMID: 11545638 [PubMed - indexed for MEDLINE]
 From PubMed

Jumping to OLDMEDLINE collection

- Use **Pick A Collection** pull-down
- Select **OLDMEDLINE**
- Click **Jump to Collection** button.

Page 1 of 258
 Jump to Page

Jump to Collection

Pick A Collection

Pick A Collection
 PubMed
OLDMEDLINE

Results :

- Gateway takes you to the screen where the OLDMEDLINE citations begin.

Notice the *From
OLDMEDLINE*
statement.

Results

Journal Citations (2 collections searched)
 Displaying items 4999 - 5018 of 5041 found

Deselect All
Put in Locker
Download or Display

Page 251 of 253

Jump to Page
252
Jump to Collection
Pick A Collection

4999
☐
Expand

The pathogenesis of senile macular degeneration.
 KORNZWEIG AL, FELDSTEIN M, SCHNEIDER J.
Am. J. Ophthalm. 1959 July;48(1, Part 2):22-8.
 From OLDMEDLINE

5000
☐
Expand

Infantile amaurotic idiocy with macular degeneration of Stargardt disease type in the mother & maternal uncle.
 MONNET P, TOMMASI M, TISSOT A, GAILLOT.
Arch. fr. pediat. 1959;16(3):387-91. French.
 From OLDMEDLINE

5001
☐
Expand

Surgical treatment of macular degeneration.
 BAILLIART JP.
Bull. soc. opht. France 1958 Dec;(12):800-2. French.
 From OLDMEDLINE

5002
☐
Expand

Therapy of senile macular degeneration.
 BIERMAN EO.
Am. J. Ophthalm. 1959 Mar;47(3):405-7.
 From OLDMEDLINE

Display Formats

- Gateway citations are initially displayed in a **Brief format**.
- The **Expanded Format** Provides more information.



A table of all collections and the data elements found in the brief format and expanded format for each is available in Help.

Expanded Format

*Notice the
Related
Articles link
and the
Publisher Link
for full-text.
These links are
only on
PubMed
citations.*

Journal Citations :
 Item 2 displayed (out of 5143 found).

Download or Display

Page 2 of 5143

Jump to Page

3

Jump to Collection

Pick A Collection

Related Articles
 Publisher Link

Medication use and the 5-year incidence of early age-related maculopathy: the Beaver Dam Eye Study.

Klein R, Klein BE, Jensen SC, Cruickshanks KJ, Lee KE, Danforth LG, Tomany SC.

Arch Ophthalmol. 2001 Sep;119(9):1354-9.

Department of Ophthalmology and Visual Sciences, University of Wisconsin-Madison, 610 N Walnut St, 460 WARF, Madison, WI 53705-2397, USA.

OBJECTIVE: To evaluate incident early age-related maculopathy (ARM) after a 5-year interval with respect to medication use. DESIGN: Population-based incidence study. SETTING: Participants were adults aged 43 to 86 years living in Beaver Dam, Wis, when first examined in 1988-1990 (n = 4926); they were reexamined in 1993-1995 (n = 3684). METHODS: All participants were examined and interviewed and stereoscopic color fundus photographs were taken. All procedures were done by standard protocol at both examinations. Incidence of ARM was based on grading using the Wisconsin ARM Grading System. All prescribed and over-the-counter medications in current use were brought to the examination site and the names were recorded at that time. RESULTS: There were 678 drug preparations (active ingredients) being used at the baseline examination. No relations were found between most antihypertensive drugs, most central nervous system medications, aspirin and other nonsteroidal anti-inflammatory agents, estrogens, lipid-lowering agents, and incident early ARM over the 5-year period. Age- and sex-adjusted logistic regression analyses suggested possible associations (P < .10) between the use of phenothiazine antidopaminergics (odds ratio [OR], 2.83; 95% confidence interval [CI], 0.97-8.23; P = .06), desiccated thyroid hormones (OR, 2.32; 95% CI, 0.89-6.07; P = .09), and calcium channel blockers (OR, 1.70; 95% CI, 0.93-3.12; P = .08) with incident ARM. When additional information on past use was included in the regression model, the association remained for calcium channel blockers, but not for phenothiazines and desiccated thyroid hormones. A lower incidence of early ARM occurred in those who took antidepressants (OR, 0.34; 95% CI, 0.12-0.94; P = .04) at the baseline examination. CONCLUSION: Although many different medications were being used at the baseline examination in the Beaver Dam Eye Study cohort, there were no striking associations with the 5-year incidence of early ARM.

MeSH Terms:

- Adult
- Aged
- Aged, 80 and over
- Drug Utilization/*statistics & numerical data
- Female
- Human
- Incidence
- Macular Degeneration/*epidemiology
- Male
- Middle Age
- Photography
- Prescriptions, Drug/statistics & numerical data
- Prescriptions, Non-Drug/statistics & numerical data
- Support, Non-U.S. Gov't
- Support, U.S. Gov't, P.H.S.
- Wisconsin/epidemiology

Grant Support:

- EY06594/EY/NEI

PMID: 11545642 [PubMed - indexed for MEDLINE]
 From PubMed

Details of Search

- Details of Search lets you view your search strategy as it was translated using the Gateway's automatic term mapping and search rules and syntax.
- Details of Search contains warning and error messages.

Details of Search	
Journal Citations	
PubMed	
Translated Search	Items
((("macular degeneration" [MeSH Terms]) OR (macular degeneration [Text Word]))	4998
OLDMEDLINE	
Translated Search	Items
("macular degeneration" <EXACT> <IN> KEYWORD_LIST OR "macular degeneration" <IN> TITLE OR "macular degeneration" <IN> PERSONAL_NAME_AS_SUBJECT OR "macular degeneration" <IN> KEYWORD_LIST)	43
<div>URL</div>	

Saving search strategies



- Below the Details of Search is a **URL button**. To save the search strategy, click on the URL button. A new browser window will open with the Results Summary page for the search.
- Use the Bookmarks or Favorites feature to save the search, and then close the browser window and continue with Gateway searching.

Download or Display

- Select citations you wish to download or display further.
- Click the **Download or Display** button.
- Make your selections from this screen.
- Click **Go**.

Download or Display

NOTE: The maximum number of items for downloading is 500. Downloading hundreds of items may take several minutes.

Journal Citations	5144
Books / Serials / AVs	39
Consumer Health	13
Meeting Abstracts	1
Other Collections	1
Total Items Found	5198

Starting with item fetch items.

Results from

Details

Format

Destination

Download or send as

Address if sending via email

Added message if sending via email (optional)

Go

- Use the **Fetch** pull-down menu to select the number of items to download or display. The maximum number of items for downloading/displaying at one time is 500.
- Use the **Results from** pull-down menu to select the items to be downloaded/displayed. Choices are All Categories, any single category, Selected Items or Locker items. The default items are the items last viewed.
- Use the **Destination** pull-down menu to select the destination for the items to be downloaded or displayed. Choices are Display in Browser, Display for Printing, Save to File, and Send via Email. The default destination is Display in Browser.
- Use the **Details** pull-down menu to select the display format. Choices are Brief, Expanded, and Complete. The default details is Brief.
- Use the **Format** pull-down menu to select. The default Format is Unlabelled. Labelled = labels each field with the full field name. Export = labels each field with the field name abbreviation. The Export format is used for importing data into bibliographic management programs.
- Use the **Download or send as** pull-down menu to select Text or Html. The default is Text.
- If sending by email, enter **Address**. Enter optional **Added message** in the adjoining box.

Download or Display Tips:

- ✓ **Display for Printing** allows you to display your citations as ASCII text without the sidebar menu and toolbars on each page.
- ✓ Use the print function of your Web browser to print all of the information and citations displayed on your web page.
- ✓ You can only print citations from the displayed page.
- ✓ If you choose **Send via Email**, you must enter an email address before clicking on the Go button. An accompanying message may be entered in the box provided.
- ✓ The **Download or send as** option applies only to the Save to File and Send via Email destinations.

Search History

- Click on **History** directly beneath the query box.
- Shows the search strategies and results for the last 25 searches run in the Gateway.
- Once the maximum number of searches has been reached, the Gateway will remove the oldest search from the History to add the most current search.
- You can use the Search Number in a subsequent search (e.g., #1 AND zinc).
- Your Search History will be lost when you close your web browser.

Search History

Clear
History

Search Number	Search	Items Found	Actions	
#1	Search: "macular degeneration"	5198	Results	Delete

- To build on a search, enter its search number preceded by the pound sign (#) in the search box.
- Then add additional terms after the search number (e.g., #1 AND "macular degeneration").

Find Terms

- Use Find Terms to select terms from the MeSH vocabulary and the Unified Medical Language System (UMLS).
- Click on Find Terms directly below the query box.

On the initial **Find Terms** screen, type the term you want to find, e.g., "**canker sore**":

Find Terms
Find terms, their definitions, and related terms, using NLM's MeSH and UMLS Metathesaurus.

- MeSH is NLM's controlled vocabulary thesaurus. MeSH terminology provides a consistent way to retrieve information that may use different terminology for the same concepts.
- NLM's Unified Medical Language System (UMLS) Metathesaurus contains information about biomedical concepts and terms from many sources.

After typing in your term and clicking on Find Terms, you see the screen shown on the next page.

Note the definition.

Click on **Related Concepts** to see other related terms.

Click on **View MeSH Information** for additional details about the term.

Use the **Add to Search** button and the **Connector** pull-down to add this term to your search strategy.

Use the **Main point of item** checkbox to limit the term to the main point of the article.

Use the **Do not explode this term** checkbox to turn off automatic explosion in PubMed.

Click on **Subheading Definitions** if you need to check a subheading definition.

Select subheading(s) to attach to your term by clicking on the checkbox.

Note the MeSH hierarchical tree structure(s) where the term is found.

Concept Details

Stomatitis, Aphthous

A recurrent disease of the oral mucosa of unknown etiology. It is characterized by small white ulcerative lesions, single or multiple, round or oval. Two to eight crops of lesions occur per year, lasting for 7 to 14 days and then heal without scarring. (From Jablonski's Dictionary of Dentistry, 1992, p742)

Related Concepts

View MeSH Information

Add to Search

using Connector: **AND** or

Cancel

- ☐ Main point of item
☐ Do not explode this term

With Subheadings:

Subheading Definitions

- | | |
|--|---|
| <input type="checkbox"/> blood | <input type="checkbox"/> microbiology |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> mortality |
| <input type="checkbox"/> chemically induced | <input type="checkbox"/> nursing |
| <input type="checkbox"/> classification | <input type="checkbox"/> parasitology |
| <input type="checkbox"/> congenital | <input type="checkbox"/> pathology |
| <input type="checkbox"/> diagnosis | <input type="checkbox"/> physiopathology |
| <input type="checkbox"/> diet therapy | <input type="checkbox"/> prevention & control |
| <input type="checkbox"/> drug therapy | <input type="checkbox"/> psychology |
| <input type="checkbox"/> economics | <input type="checkbox"/> radiography |
| <input type="checkbox"/> embryology | <input type="checkbox"/> radionuclide imaging |
| <input type="checkbox"/> enzymology | <input type="checkbox"/> radiotherapy |
| <input type="checkbox"/> epidemiology | <input type="checkbox"/> rehabilitation |
| <input type="checkbox"/> ethnology | <input type="checkbox"/> surgery |
| <input type="checkbox"/> etiology | <input type="checkbox"/> therapy |
| <input type="checkbox"/> genetics | <input type="checkbox"/> ultrasonography |
| <input type="checkbox"/> history | <input type="checkbox"/> urine |
| <input type="checkbox"/> immunology | <input type="checkbox"/> veterinary |
| <input type="checkbox"/> metabolism | <input type="checkbox"/> virology |

MeSH Tree 1

- ▶ All MeSH Categories
 - ▶ Diseases (MeSH Category)
 - ▶ Stomatognathic Diseases
 - ▶ Mouth Diseases
 - ▶ Stomatitis
 - ▶ Stevens-Johnson Syndrome
 - ▼ **Stomatitis, Aphthous**
 - ▶ Stomatitis, Denture
 - ▶ Stomatitis, Herpetic

Adjust the Canker sore search by adding the subheading, **diet therapy**:

Diet therapy subheading is "checked".

*Then click on the **Add to Search** button using the default connector, **AND**.*

Stomatitis, Aphthous
A recurrent disease of the oral mucosa of unknown etiology. It is characterized by small white ulcerative lesions, single or multiple, round or oval. Two to eight crops of lesions occur per year, lasting for 7 to 14 days and then heal without scarring. (From Jablonski's Dictionary of Dentistry, 1992, p742)

[Related Concepts](#) [View MeSH Information](#)

[Add to Search](#) using Connector: AND or [Cancel](#)

☐ Main point of item
☐ Do not explode this term

With Subheadings: [Subheading Definitions](#)

<input type="checkbox"/> blood	<input type="checkbox"/> microbiology
<input type="checkbox"/> cerebrospinal fluid	<input type="checkbox"/> mortality
<input type="checkbox"/> chemically induced	<input type="checkbox"/> nursing
<input type="checkbox"/> classification	<input type="checkbox"/> parasitology
<input type="checkbox"/> congenital	<input type="checkbox"/> pathology
<input type="checkbox"/> diagnosis	<input type="checkbox"/> physiopathology
<input checked="" type="checkbox"/> diet therapy	<input type="checkbox"/> prevention & control

This brings you to the following screen:

"Stomatitis, Aphthous/diet therapy"[MESH] [Search](#) [Clear Search](#)

[Find Terms](#) [Limits](#) [Results](#) [History](#) [Locker](#) [Preferences](#)

Find Terms

Find terms, their definitions, and related terms, using NLM's MeSH and UMLS Metathesaurus.

[Find Terms](#)

*Click on **Search** button.*

Click on **Search** to have the Gateway run your search.

Limits

- Click on Limits directly below the query box.

Limits screen:

Search Categories

- Search All Categories is the default.
- Use the Search All Categories pull down to change the category searched.
- You may search all categories or one category.

List Items per Page

- 20 items per page is the default.
- Use the List items per page pull down to change the number of items displayed.

English Only Limit

- Searching all languages is the default.
- Use the English only option to limit your search to English language items only.

Limits

Search

List items per page ☐ English only

Publication years (yyyy) from to

(Note: This limit is ignored for collections that do not support searching by ranges of years)

Click in the box to select English only.



This limit is ignored in the HSRProj collection (Other Collections), MEDLINEplus Health Topics collection (Consumer Health), the MEDLINEplus Drug Information collection (Consumer Health), and the DIRLINE collection (Consumer Health).

Publication Date Limit

- Searching all years is the default.
- Use the from/to boxes to limit your search to specific publication years.
- One publication year or a year range may be searched.
- A publication year or year range must be searched using the format YYYY (e.g., from 1998 to 2000).

Limits

Search

List items per page ☐ English only

Publication years (yyyy) from to (default is All Years)

(Note: This limit is ignored for collections that do not support searching by ranges of years)

Fill in the Publication Year range.



This limit is ignored in the MEDLINEplus Health Topics collection (Consumer Health), the MEDLINEplus Drug Information collection (Consumer Health), and the DIRLINE collection (Consumer Health). Only one publication year may be searched in the LOCATORplus collection (Books/Serials/AVs). If a year range is entered, it will be ignored. You may limit by project year in the HSRProj collection (Other Collections) using the publication date field qualifier. All intermediate years as well as the initial year and final year will be searched.

Locker

- A place to collect your selected search items, e.g., mark items and store them in your locker for printing, downloading or ordering
- You must login to use the Locker. Login requires a user ID and password. Registration is free.

Locker Login

*If you do not have a User ID, click on the **Create New User ID** button.*

OR

*Enter your **User ID** and **Password** to Login.*

Login

The Locker and Preferences features require a login. The Locker allows users to collect selected search items for printing, downloading or document ordering. The Preferences feature allows users to change their password and to set personal choices to customize their search session.

User ID: <input type="text"/>	Create New User ID
Password: <input type="password"/>	Forgot Password
Login	

Marking and putting items in your Locker

- Use the check boxes to select the items you wish to store in your locker.
- Click on **Put In Locker** button.

Mark the items using the check boxes.

*Click on **Put in Locker** button.*

Results (Logged in)

Journal Citations (2 collections searched) **Deselect All** **Put in Locker** **Download or Display**

Displaying items 1 - 20 of 5144 found

Page 1 of 259 **Jump to Page** **Jump to Collection** **Pick A Collection** ▼

1	<input checked="" type="checkbox"/>	Autosomal dominant stargardt-like macular dystrophy. Donoso LA, Edwards AO, Frost A, Vrabec T, Stone EM, Hageman GS, Perski T. <i>Surv Ophthalmol.</i> 2001 Sep-Oct;46(2):149-63. PMID: 11578648 [PubMed - in process] From PubMed
	Expand	
	Related Articles	
2	<input checked="" type="checkbox"/>	Intravitreal triamcinolone for refractory cystoid macular edema secondary to birdshot retinochoroidopathy. Martidis A, Duker JS, Puliafito CA. <i>Arch Ophthalmol.</i> 2001 Sep;119(9):1380-3. No Abstract Available. PMID: 11545651 [PubMed - indexed for MEDLINE] From PubMed
	Expand	
	Related Articles	

- Gateway confirms that the items are added to your Locker with the following message.

Results (Logged in)
2 items were added to locker
Journal Citations (2 collections searched)
 Displaying items 1 - 20 of 5144 found

Deselect All
 Put in Locker
 Download or Display

- Click on Locker directly below the query box to see the contents of your Locker.

Note the **green check** indicating document delivery is available.

Use **check box** to select one or more items.

Use the **Order Documents** button to order documents using Loansome Doc.

Use the **Delete** button to delete selected items. If no items are selected, it will delete all items in the locker.

Use the **Download or Display** button to download or display items in your Locker.

Locker (Logged in)
 Document delivery is available for items marked

Order Documents
 Delete
 Download or Display

1	<input type="checkbox"/>		Intravitreal triamcinolone for refractory cystoid macular edema secondary to birdshot retinochoroidopathy. Martidis A, Duker JS, Puliafito CA. <i>Arch Ophthalmol.</i> 2001 Sep;119(9):1380-3. No Abstract Available. PMID: 11545651 [PubMed - indexed for MEDLINE] From PubMed
2	<input type="checkbox"/>		Autosomal dominant stargardt-like macular dystrophy. Donoso LA, Edwards AO, Frost A, Vrabec T, Stone EM, Hageman GS, Perski T. <i>Surv Ophthalmol.</i> 2001 Sep-Oct;46(2):149-63. PMID: 11578648 [PubMed - in process] From PubMed

Locker Tips:

- ✓ If an item is already in your Locker, it will not be added again.
- ✓ Locker items remain until you delete them.
- ✓ There is a limit of 500 items that may be stored in your locker.

Preferences

- Click the Preferences button directly below the query box to access the Preferences page.
- Preferences allows you to change your password and customize your search settings, results screen, download and display options, and Locker settings.



- You must login to use Preferences. The same User ID/password works for both the Gateway Locker and the Preferences features.
- Loansome Doc User Ids acquired before 2001 are valid and may be used here in the Gateway.



- Use the **Apply to this Session** button to apply changes only to your current Gateway session.
- Use the **Save Preferences** button to apply changes to your current and future Gateway sessions.
- Use the **Restore Defaults** button to return all settings to the Gateway default settings.
- Use the **Cancel** button to quit your preferences session without making any changes.

NOTE: The workbook pages will highlight two areas of Preferences. The Gateway's Help feature (available from the sidebar) clearly explains *all* the Preferences selections and options within each selection.

Results Preferences

- Use this Preferences option to customize your field selections in your displays for the various collections.
- Make your selection from the pull-down menu and click on the **Select Fields** button.

Results

Brief Display Format: Unlabelled

Expanded Display Format: Unlabelled

Customize Brief or Expanded Displays: AIDS Meetings

Select Fields

Download or Display

Details: Brief

Format: Unla

Destination: Dist

AIDS Meetings

AIDS Meetings (with MeSH)

DIRLINE

HSRProj

Health Services Research Mtgs

LOCATORplus

MEDLINEplus Drug Information

MEDLINEplus Health Topics

OLDMEDLINE

PubMed

Space Life Sciences Meetings

The graphic on this page and the following page show the PubMed field selection screen.

- The check marks represent the default field selections for the Brief and Expanded display formats.

Click in the boxes to "check" your field selections.

To Deselect a field, click on the check.

Click on appropriate button to save your selections.

Define PubMed Fields (Logged in)

Customize Brief or Expanded Displays PubMed Select Fields

Apply to this Session Save Preferences Restore Defaults Cancel

Brief Format	Expanded Format	Field Name
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Abstract
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Abstract Available
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Affiliation
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Author
<input type="checkbox"/>	<input type="checkbox"/>	Citation Subset
<input type="checkbox"/>	<input type="checkbox"/>	Collective Name
<input type="checkbox"/>	<input type="checkbox"/>	Comment in
<input type="checkbox"/>	<input type="checkbox"/>	Comment on
<input type="checkbox"/>	<input type="checkbox"/>	Copyright Information
<input type="checkbox"/>	<input type="checkbox"/>	Country
<input type="checkbox"/>	<input type="checkbox"/>	Date Completed
<input type="checkbox"/>	<input type="checkbox"/>	Date of Electronic Publication
<input type="checkbox"/>	<input type="checkbox"/>	Date Revised
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Digital Object Identifier
<input type="checkbox"/>	<input type="checkbox"/>	Entrez Date
<input type="checkbox"/>	<input type="checkbox"/>	Entry Date
<input type="checkbox"/>	<input type="checkbox"/>	Erratum in
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Full Text URL
<input type="checkbox"/>	<input type="checkbox"/>	Gene Symbol
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Grant Support
<input type="checkbox"/>	<input type="checkbox"/>	ISSN
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Issue/Part/Supplement
<input type="checkbox"/>	<input type="checkbox"/>	Journal Title Code
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Language
<input type="checkbox"/>	<input type="checkbox"/>	MeSH Date

Continuation of the Define PubMed Fields screen:

<input type="checkbox"/>	<input checked="" type="checkbox"/>	MeSH Terms
<input type="checkbox"/>	<input type="checkbox"/>	NLM Unique ID
<input type="checkbox"/>	<input type="checkbox"/>	Number of References
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Pagination
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Personal Name As Subject
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Publication Date
<input type="checkbox"/>	<input type="checkbox"/>	Publication History
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Publication Status
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Publication Types
<input type="checkbox"/>	<input type="checkbox"/>	Publisher Identifier
<input type="checkbox"/>	<input type="checkbox"/>	Publisher Identifier Controlled
<input type="checkbox"/>	<input type="checkbox"/>	Publisher Link
Required	Required	PubMed ID (PMID)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Record Status
<input type="checkbox"/>	<input type="checkbox"/>	Republished from
<input type="checkbox"/>	<input type="checkbox"/>	Republished in
<input type="checkbox"/>	<input type="checkbox"/>	Retraction in
<input type="checkbox"/>	<input type="checkbox"/>	Retraction of
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Secondary Source ID
<input type="checkbox"/>	<input type="checkbox"/>	Source
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Substances
<input type="checkbox"/>	<input type="checkbox"/>	Summary URL
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Title
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Title Abbreviation
<input type="checkbox"/>	<input type="checkbox"/>	Transliterated / Vernacular Title
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Unique Identifier
<input type="checkbox"/>	<input type="checkbox"/>	Update in
<input type="checkbox"/>	<input type="checkbox"/>	Update of
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Volume Issue

Locker Preferences

- Locker items remain until you delete them.
- If you plan to order documents using the Gateway, you may wish to set your preferences to Remove items from your Locker after they have been ordered.

Locker

- ☐ Remove items from your Locker after they have been ordered.
- ☐ Send orders for the first ten unordered items in the Locker.

Searching by Fields

- All field qualifiers should be entered *after* the search term` or terms (postqualification – same as PubMed).
- Field qualifiers must be in square brackets.
- Field qualifiers may be in upper or lower case.

Examples:

"common cold " AND "vitamin c"[mh]
spanish [LANGUAGE]
"lead screening"[text] AND children



The Gateway's **Help** lists all available search fields and their available abbreviations.

Author Name Searching

- Enter the author name in the format last name plus initials (no punctuation), followed by the field qualifier (i.e., [au]).
- Author names *must* be enclosed in quotes.

Examples:

"Harris MI" [AU]
"Charron-Prochownik D" [au] "Siminerio LM" [au]
"Ferris FL 3rd" [author]
"Kovacs" [AUTHOR]



- Author searching has not been implemented for the **LOCATORplus** collection (Books/Serials/AV's) in the current Gateway release. Search using an author's last name without a field qualifier in order to attempt to search by author in LOCATORplus.
- You may search for investigators in **HSRProj** collection (Other Collections) using the author field qualifier. Investigator names in the HSRProj collection are displayed as full names, but must be searched in the format last name plus initials (no punctuation)
- The **MEDLINEplus Health Topics** collection (Consumer Health) and the **MEDLINEplus Drug Information** collection (Consumer Health), and the **DIRLINE** collection (Consumer Health) do not have authors.

Title Searching

- Enter one or more title words followed by the field qualifier (i.e., [ti]).
- Phrases *must* be enclosed by quotes.

Examples:

AIDS [TITLE] "sexually transmitted diseases" [TITLE]
"lyme disease" [ti]
"quality of life" [title]
"managed care" [ti] quality [ti]

MeSH Searching

- Enter the MeSH term followed by the field qualifier (i.e., [mh]).
- MeSH terms that are multiple words *must* be enclosed in quotes.
- Subheadings may be entered in full, or the two-character abbreviation may be used.
- To search for a MeSH term with one or more subheadings, enter the MeSH term, a forward slash, and one or more subheadings, followed by the field qualifier (e.g., [MESH]).
If multiple subheadings are entered for one MeSH term, the subheadings are ORed together (e.g., "myocardial infarction/su/dt" [mh] is equivalent to "myocardial infarction/su" [mh] OR "myocardial infarction/dt" [mh]).

Examples:

"lyme disease"[mh]
"macular degeneration/therapy" [mesh]
"myocardial infarction/su/dt" [mh]
" Lice" [mh]



- Explosions : If a MeSH term or MeSH major topic is entered, it will be automatically exploded in PubMed (Journal Citations) only.
- For other collections, MeSH terms and MeSH major topics are *not* exploded.

Boolean Operators

- The Boolean operators AND, OR, and NOT are available.
- The default boolean operator is AND.
- Boolean operators AND, OR, and NOT must be in upper case (e.g., “vitamin c” OR zinc).
- The Gateway processes the AND and OR Boolean operators in a left-to-right sequence.
- The NOT operator is processed first.
- Nesting : You can change the order in which the Gateway processes the AND and OR operators in a search statement by enclosing the unit in parentheses. The terms inside the set of parentheses will be processed as a unit and then incorporated in the overall strategy.

Examples:

"common cold" AND ("vitamin c" OR zinc)
"hay fever" AND (Claritin OR Zyrtec)

NOTES

Practice Exercises

1. Locate information on holistic health and AIDS or holistic health and HIV.
2. Using the Find Terms feature (MeSH Browser), find items about fibromyalgia.
3. Find meeting abstracts about multi-drug resistant tuberculosis. (Hint: Use limits to restrict to the Meeting Abstracts category.)
4. Find journal citations about using castor oil to induce labor. I'm particularly interested in articles published prior to 1966. (Hint: Jump to the OLDMEDLINE collection within the Journal Citations category).

Suggested Answers

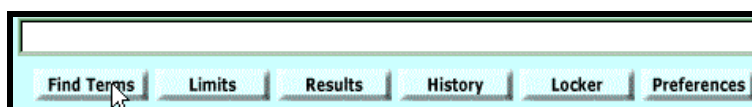
1. Locate information on holistic health and AIDS or holistic health and HIV.



2. Using the Find Terms feature (MeSH Browser), find items about fibromyalgia.

Step 1: Click **Find Terms** button on the features bar directly below the query box.

Click on
Find Terms



Step 2: Type in the term and click the **Find Terms** button.

Find Terms

Find terms, their definitions, and related terms, using NLM's MeSH and UMLS Metathesaurus.

fibromyalgia

Find Terms

- Medical Subject Headings (MeSH) is NLM's controlled vocabulary thesaurus. MeSH terminology provides a consistent way to retrieve information that may use different terminology for the same concepts.
- NLM's Unified Medical Language System (UMLS) Metathesaurus contains information about biomedical concepts and terms from many sources.

Step 3: Click on the **Add to Search** button to add this term to your search query.

Concept Details
Fibromyalgia
an acute, subacute, or chronic painful state of muscles, subcutaneous tissues, ligaments, tendons, or fasciae caused by a number of agents such as trauma, strain, occupation, exposure, posture, infection, or arthritis.

[Related Concepts](#) [View MeSH Information](#)

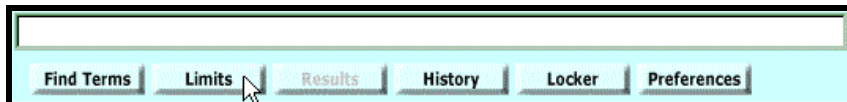
[Add to Search](#) using Connector: AND or [Cancel](#)

Step 4: The Gateway brings the term you added to the query box. Click on **Search** to run your search.

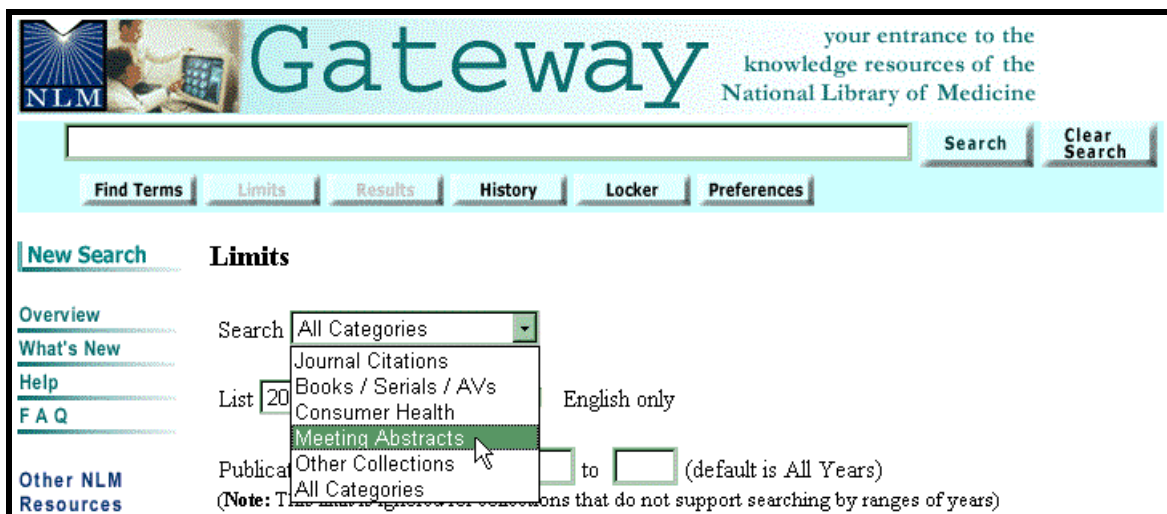
[Search](#)

3. Find meeting abstracts about multi-drug resistant tuberculosis. (Hint: Use limits to restrict to the Meeting Abstracts category.)

Step 1: Click on the Limits to reach the Limits screen.



Step 2: Type in the term “multidrug resistant tuberculosis” in the query box at the top of the screen and then select **Meeting Abstracts** from the **Search** pull-down menu. Click **Search**.

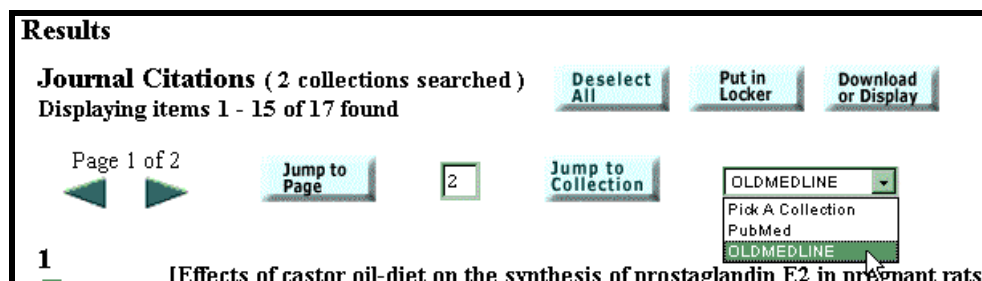


- Find journal citations about using castor oil to induce labor. I'm particularly interested in articles published prior to 1966. (Hint : Jump to the OLDMEDLINE collection within the Journal Citations category).

Step 1: Type search in query box. Click **Search**.



Step 2: On Results Display screen, select **OLDMEDLINE** from the **Pick a Collection** pull-down menu. Click on **Jump to Collection**.



NOTES